

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-089-22
CAIRO QUADRANGLE
4th ILL. - 82 KY. - 55 MO.
N3700-W8900/15
DIAGRAM NJ 16-7
PUDUCAH

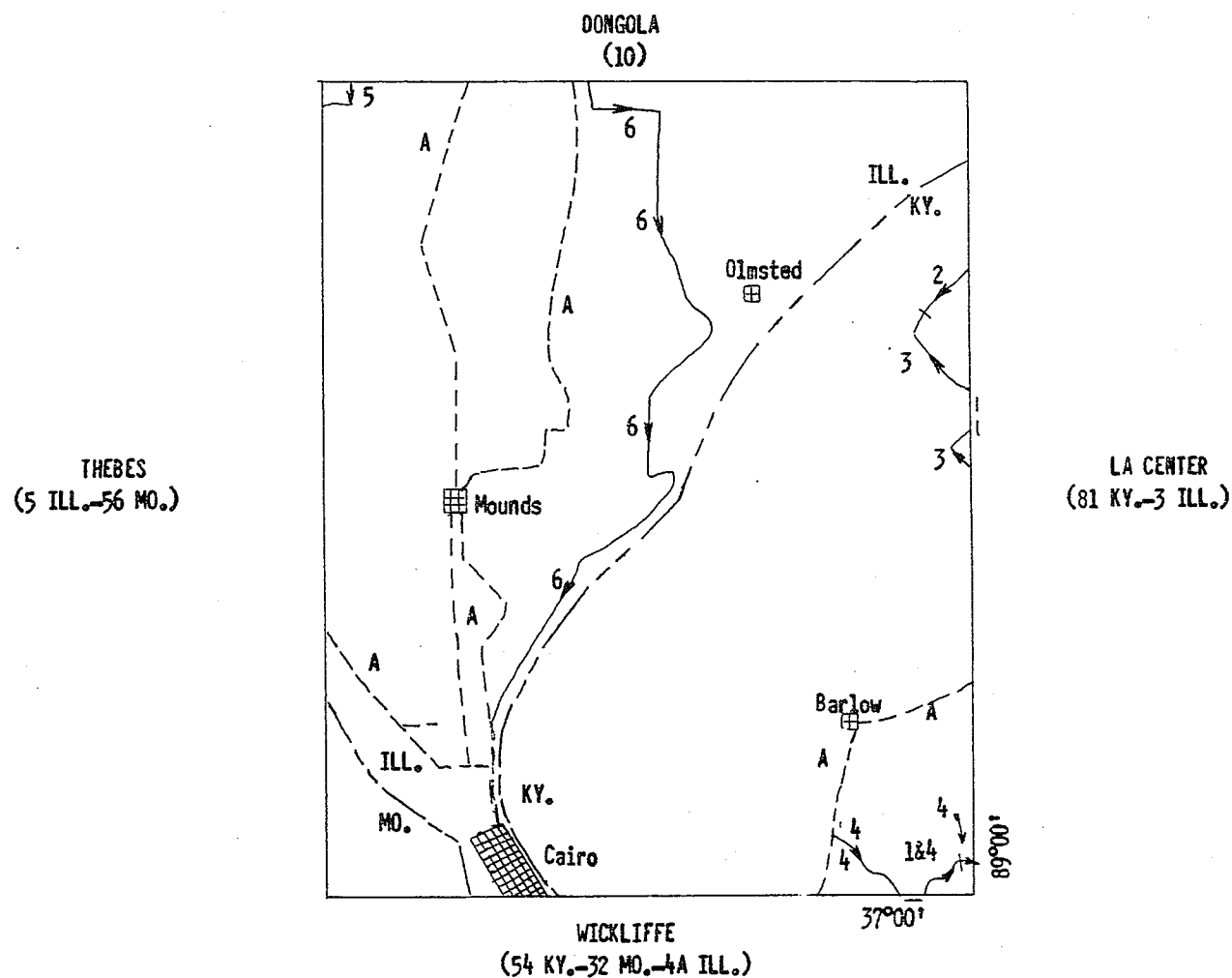
Alexander & Pulaski Counties, Illinois;
Ballard County, Kentucky;
Mississippi County, Missouri

Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1965

Edition of 3/14/74

PR: LB/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370892

4 ILL. - 82 KY. - 55 MO.
CAIRO QUADRANGLE

37-089-22
N3700-W8900/15

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CAIRO QUADRANGLE
Books B481, B2512
B2804-5 and B2857

4 ILL. - 82 KV. - 55 MO.

37-089-22

3

ISOLATED BENCH MARKS (By H. S. Senseney, 1919; Book B481; E. E. Harris, 1926; Book B2512;
S. R. Archer, 1927; Books B2804-5; and S. L. Parker, 1928; Book B2857)

Feet

Holloway Landing, 1.9 mi NE. of; at SE. corner of rd. fork; in concrete post; standard tablet stamped "1 H 1926" (Reported not found, 1954)

317.473

Wickliffe, 6.2 mi NE. of, along Slater Road, thence 0.9 mi N.; at jog in E.-W. rd.; 200 ft W. of house; at NE. corner of rd. E.; in concrete post; standard tablet stamped "6 H 1926" (Not found, 1975)

468.290

Oscar, 1.2 mi SE. of, thence 1.8 mi SW., thence 0.7 mi SE.; at NW. corner of junction of T-rd. NE.; in angle of fenceline; 5 ft from each fence; in concrete post; standard tablet stamped "8 H 1926" (Reported destroyed, 1975)

357.727

Oscar, 2.4 mi SW. of; 25 ft S. and 50 ft W. of centerline of crossroads; in concrete post; standard tablet stamped "9 H 1926"

364.641

Villa Ridge; 750 ft N. of station; on E. side of tracks; in S. end of W. side of concrete culvert under hwy.; standard tablet unstamped

376.722

Holloway; 4.9 mi NE. of; 30 ft NW. of centerline of Terrel Landing Road at right-angle turn; in concrete post; standard tablet stamped "10 H 1926" (Reported not found, 1967)

319.957

Cairo Junction; 0.1 mi N. of North Cairo Station along Illinois Central Railroad; about 0.3 mi S. of milepost No. 361; 6 ft E. of, and 1 ft lower than E. rail of E. track; in E. end of N. concrete abutment of RR. overpass over State Highway 3; standard tablet stamped "E 11 1922" (Tied and stamped by NGS, 1954)

329.396

Mounds, 1.8 mi S. of station, along I. C. RR.; about 0.1 mi S. of milepost No. 358; 7 ft E. of, and 1.5 ft lower than E. rail of E. track; in E. end of S. concrete abutment of RR. bridge over Cache River; standard tablet stamped "C 11 1922" (Tied and stamped by NGS, 1954)

331.850

Mounds, 0.4 mi N. of station, along I. C. RR.; about 0.2 mi N. of milepost No. 356; 16 ft E. of, and level with E. rail of E. track; in NW. corner of S. concrete base of first pier E. of E. track of steel overpass of graveled rd. over track; standard tablet stamped "B 11 1922" (Tied and stamped by NGS, 1954) (Reported not found, 1969)

338.041

Pulaski, 0.8 mi N. of station, along I. C. RR.; 0.4 mi S. of milepost No. 348; 6 ft E. of, and 4 ft lower than E. rail of E. track; in E. end of bridge seat of N. concrete abutment of RR. bridge No. 348-3, over creek; standard tablet stamped "338 ILL 1927" (Tied by NGS, 1954)

337.965

Pulaski, 0.8 mi S. of station, along I. C. RR.; about 546 ft N. of milepost No. 350; at E.-W. graveled rd. crossing; 84 ft W. of, and 4 ft lower than W. rail of W. track; 27 ft S. of centerline of graveled rd.; 102 ft SSE. of SE. porch corner of farmhouse; 1 ft E. of fence-line; 1 ft S. of white wooden witness post; in concrete post; standard tablet stamped "348 1927 ILL" (Tied by NGS, 1954) (Reported disturbed, 1969)

348.014

Mounds; on NW. side of town; at NE. corner of Catholic Cemetery; 20 ft S. and 60 ft W. of W. end of steel viaduct over track; in concrete post; standard tablet stamped "PRIM TRAV STA NO 111 F 1925 369"

368.867

ISOLATED BENCH MARKS (Cont'd.)Feet

Pulaski, 0.9 mi SW. of, thence 3.2 mi E.; about 930 ft N. and 70 ft E. of SE. corner section 13, T. 15 S., R. 1 W.; about 140 ft E. and 150 ft N. of E. end of bridge over Interstate Highway 57; in concrete post; standard tablet stamped "1927 437 RESET 1965"

456.740

Olmsted, 0.8 mi W. of, thence 1.5 mi NW.; 0.2 mi W. of $\frac{1}{4}$ corner between sections 16 and 21, T. 15 S., R. 1 E.; 35 ft S. and 20 ft E. of centerline of rd. at junction of I-rd. E.; 2 ft SE. of 4-in. walnut tree; in concrete post; standard tablet stamped "448 1927"

447.390

Olmsted, 0.6 mi E. of; 2.9 mi SW. of Levings; 0.6 mi NW. of Caledonia Landing; on summit of hill; 175 ft NE. of centerline of rd. at junction of I-rd. SE.; 140 ft SW. of centerline of rd. at junction of I-rd. NW.; 35 ft SW. of SW. corner of Lutheran Church; 11 ft SE. of NW. end of fenceline between church and parsonage; at NE. side of fence; in concrete post; standard tablet stamped "442 1927"

441.375

Levings; 0.2 mi SE. of station; near center of SW. $\frac{1}{4}$ section 12, T. 15 S., R. 1 E.; 50 ft NW. of centerline of rd. at junction of V-rd. NW.; on NE. side of rd.; at fenceline; in concrete post; standard tablet stamped "475 1927"

474.536

Levings, 0.2 mi SE. of station, thence 2.7 mi NE.; 1.7 mi S. of Grand Chain; 0.3 mi S. of Ohio School; at $\frac{1}{4}$ corner between sections 5 and 8, T. 15 S., R. 2 E.; 15 ft N. and 50 ft E. of centerline of rd. at junction of I-rd. N.; 35 ft E. of fence corner; in concrete post; standard tablet stamped "334 1927"

333.593

LINE 1.

By W. S. Monk, 1950; Book AV 160

Slater, 1.2 mi SW. of; 30 ft S. of centerline of E.-W. rd. at junction of I-rd. N.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 83 M 1926"

473.230

LINE 2.

By T. H. Williams, 1953; Book AV 2016

U. E., Monkeys Eyebrow, 1.4 mi W. of, along State Highway 473; 12 ft S. of, and 0.5 ft lower than centerline of hwy. at bend; on concrete culvert; chiseled square

330.57

Oscar, 1.3 mi NW. of, thence 2.6 mi NE.; on E. edge of rd. at junction of I-rd. W.; in angle of fenceline; 6 ft SE. of corner fencepost; in concrete post; standard tablet stamped "13 H 1926" (Reported not found, 1967)

326.348

LINE 3.

By T. H. Williams, 1953; Book AV 2016

Oscar, 1.8 mi NE. of; on N edge of rd. at junction of I-rd. SW.; in concrete culvert; standard tablet stamped "12 H 1926" (Reported destroyed, 1967)

349.882

Reference mark; 26 ft SW. of tablet; 15 ft S. and 18 ft W. of centerline of rd. at junction of I-rd. SW.; on concrete headwall; chiseled square

350.10

LINE 3 (Cont'd.)Feet

"13 H 1926" (Described in line 2)

326.348

Reference mark; 65 ft S. of tablet; 20 ft E. of centerline of rd.; at fenceline; in root of 4-in. elm tree; copper nail and washer

326.78

LINE 4.

By T. H. Williams, 1953; Book AV 2016

"X 130 1947" (NGS)

401.302

Wickliffe, 4.2 mi NE. of, along U. S. Highway 60; at bridge over Buzzard Creek; in NW. end of concrete headwall of bridge; standard tablet stamped "T 23 TWC 1950 370" (Tied by NGS, 1968)

370.249

Reference mark; 207 ft E. of tablet; 24 ft N. and 180 ft E. of centerline of U. S. Highway 60 at junction of I-rd. E.; in fenceline; in root on S. side of 18-in. elm tree; copper nail and washer

367.87

[Jogs into Wickliffe quadrangle]

U. E., Wickliffe, 5.4 mi NE. of, along Slater Road; 8 ft S. and 8 ft W. of, and 3 ft lower than centerline of rd. at drain crossing; on concrete abutment of bridge; chiseled square

420.97

U. E., Wickliffe, 6.1 mi NE. of, along Slater Road; 1.7 mi SW. of Slater; 9 ft N. of centerline of rd. at small drain crossing at bend in rd.; on concrete headwall; chiseled square

486.07

"PRIM TRAV STA NO 83 M 1926" (Described in line 1)

473.230

Reference mark; 38 ft NE. of tablet; 25 ft N. of centerline of E.-W. rd.; 15 ft E. of centerline of rd. opposite mailboxes; in root on S. side of 16-in. black oak tree; copper nail and washer

473.75

LINE 5.

By G. Sandul, 1965; Book CV 1816

There are no permanent marks on this line in this quadrangle.

LINE 6.

By W. P. Repp, 1966; Book CV 2000

5 3.0 U. E., 0.5 mi N. of "36 WPR 1966"; near $\frac{1}{2}$ corner between sections 4 and 5, T. 15 S., R. 1 E., 13 ft S., 46 ft E. of, and 3 ft higher than center of N.-S. rd. at I-rd. E., in W. side of power pole; rail spike

452.97

6 3.5 Olmsted, 3.0 mi N. and 1.5 mi W. of; near corner sections 4, 5, 8 and 9; T. 15 S., R. 1 E.; 120 ft N. and 36 ft W. of center of N.-S. rd. at I-rd. W.; 63 ft NE. of NE. corner of abandoned church; 5 ft SE. of power pole; in concrete post; standard tablet stamped "36 WPR 1966"

460.076

LINE 6 (Cont'd.)Feet

7	3.5	Reference mark, 72 ft SW. of tablet; 59 ft N. and 80 ft W. of center of N.-S. rd. at T-rd. W.; on SE. corner of second concrete step at front of an abandoned church; chiseled square	461.73
8	4.4	U. E., 0.9 mi S. of tablet; 47 ft N. and 33 ft E. of center of N.-S. rd. at T-rd. SE.; in W. side of telephone pole; rail spike	469.47
9	5.1	U. E., 1.5 mi S. of tablet; 41 ft N. and 21 ft W. of, and 2.8 ft higher than center of N.-S. rd. at T-rd. W.; in W. side of power pole; rail spike	463.82
10	5.8	Reference mark, 97 ft NW. of tablet; 64 ft W. of center of N.-S. rd.; 53 ft S. of S. wall of church; in root on E. side of lone 48-in. oak tree; rail spike	462.35
11	5.8	Olmsted, 1.5 mi N. and 2.2 mi W. of; near center section 17, T. 15 S., R. 1 E.; 230 ft S. and 21 ft E. of center of E.-W. rd. at T-rd S.; 124 ft SE. of SE. corner of Center of Methodist Church; 2 ft E. of power pole, in concrete post; standard tablet stamped "37 WPR 1966"	458.392
12	6.9	U. E., 1.1 mi S. along rd. from tablet; 43 ft N. and 18 ft E. of, and 2.7 ft lower than center of N.-S. rd. at T-rd. W.; in top of 13-in. stump; rail spike	439.19
13	7.3	U. E., 1.5 mi S. along rd. from tablet; 25 ft S. and 21 ft E. of, and 2.8 ft higher than centerline N.-S. rd. at T-rd. E.; in W. side of power pole; rail spike	404.34
14	8.2	Reference mark; 217 ft NW. of tablet; 10 ft S. and 42 ft W. of centerline of crossroads; at concrete box culvert; on top and center of S. end of culvert; chiseled square	334.65
2 15	8.3	Olmsted, 0.7 mi S. and 1.75 mi W. of; in SE. ¼ section 29, T. 15 S., R. 1 E.; 232 ft S. and 30 ft E. of, and 3.1 ft higher than center of crossroads; 45 ft S. of small wooden bridge; 1 ft W. of witness post; in concrete post; standard tablet stamped "38 WPR 1966"	337.224
16	8.9	U. E., 0.6 mi S. along rd. from tablet; 28 ft E. of center of N.-S. rd.; 28 ft SW. of SW. corner of white concrete block house; in W. side of a 36-in. oak tree; rail spike	412.78
17	9.6	U. E., 1.3 mi S. along rd. from tablet; 110 ft N. of junction of NE.-SW. concrete rd. (old State Highway 37) at T-rd. N.; 45 ft E. of center of N.-S. rd.; in W. side of power pole; rail spike	369.00
18	10.2	U. E., 1.9 mi S. along rd. from tablet; 33 ft N. and 37 ft W. of, and 2.5 ft lower than center of State Highway 37 at rds. N. and S.; (rd. N. is old hwy. 37); on 16-in. corrugated metal pipe culvert, 1.6 ft E. of W. end; chiseled square	345.95
19	11.0	Olmsted, 3.0 mi S. and 1.7 mi W. of; 3.25 mi N. and 1.75 mi E. of Mound City, near ¼ corner between sections 8 and 9; T. 16 S., R. 1 E.; near rd. crossing at the New York Central RR.; 43 ft N. of and 0.8 ft lower than center of crossing; 10 ft W. of W. rail; 1 ft SE. of witness post; in concrete post; standard tablet stamped "TT 4 CAG 1953"	350.333

LINE 6 (Cont'd.)Feet

- | | | | |
|----|------|--|---------|
| 20 | 11.0 | Reference mark; 100 ft SE. of tablet; 59 ft SE. of point rd. crosses tracks; 38 ft E. of E. rail; 14 ft W. of center of N.-S. rd.; in W. side of lone 16-in. tree; rail spike | 350.00 |
| 21 | 11.7 | U. E.; 0.7 mi S. along tracks from tablet; 130 ft N. of rd. crossing; 16 ft E. of E. rail; in W. side of lone 3 trunked tree; rail spike | 330.08 |
| 22 | 13.3 | Mound City, 1.2 mi NE. of post office along State Highway, thence 0.75 mi ENE. along graveled rd.; near ¼ corner between sections 19 and 20; T. 16 S., R. 1E.; near rd. crossing at New York Central RR.; 41 ft SW. along tracks and 0.8 ft lower than center of crossing; 9 ft W. of W. rail; in concrete post; standard tablet stamped "TT 3 CAG 1953" | 326.464 |
| 23 | 13.3 | Reference mark; 133 ft ENE. of tablet; 11 ft N. of E.-W. rd.; 76 ft E. of E. rail; top of round concrete post | 322.58 |
| 24 | 14.1 | U. E., 1.2 mi N. along State Highway 37 from post office at Mound City; 14 ft S. and 65 ft E. of, and 7.8 ft higher than center of Highway 37 at T-rd. E.; on top of concrete portion of flood wall; chiseled square | 338.79 |
| 25 | 15.2 | Mound City, at post office; 74 ft N. of center of Walnut Street; 55 ft E. of center of Main Street; 9 ft SE. of SW. corner of post office; 3 ft NE. of flag pole; in concrete post 1-in. below ground; standard tablet stamped "39 WPR 1966" | 320.481 |
| 26 | 16.6 | U. E., 1.3 mi S. along levee from tablet; at river crossing under levee; 85 ft E. of, and 1.6 ft lower than center of levee; on top of concrete tower to control flood gates; on SW. corner of tower; chiseled square | 337.79 |
| 27 | 17.8 | U. E., 1.2 mi S. along levee from tablet; about 400 ft SE. of gas storage tanks; 287 ft W. of center of levee; 34 ft N. of E.-W. street, in S. side of 20-in. tree; rail spike | 309.93 |
| 28 | 18.5 | "Q 156 1954" (NGS) | 308.421 |

R E S E T

CAIRO QUADRANGLE
82 - KENTUCKY, 4 - ILLINOIS, 55 - MISSOURI

5-3-93

BARLOW, KENTUCKY, 2.4 MI S. OF POST OFFICE, ALONG U.S. HIGHWAY
60; CONCRETE CULVERT AT BUZZARD CREEK; 40 FT E. OF CENTERLINE OF
RD., 7 FT LOWER THAN ROADWAY, NE. END OF E. HEADWALL OF 16' X 8'
X 92' CONCRETE CULVERT; STANDARD TABLET STAMPED "T 23 TWC 1950
RESET 1991"

(ORIGINAL ELEVATION USED WAS FROM NGS 1ST ORDER MONUMENTATION
QUALITY).

RESET ELEVATION 367.533 FT
112.024 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION
FRANKFORT, KENTUCKY
NOVEMBER 18, 1991

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-089-22
CAIRO QUADRANGLE
4 ILL.-82 KY.-55 MO.
N3700-W8900/15
DIAGRAM NJ 16-7
PADUCAH

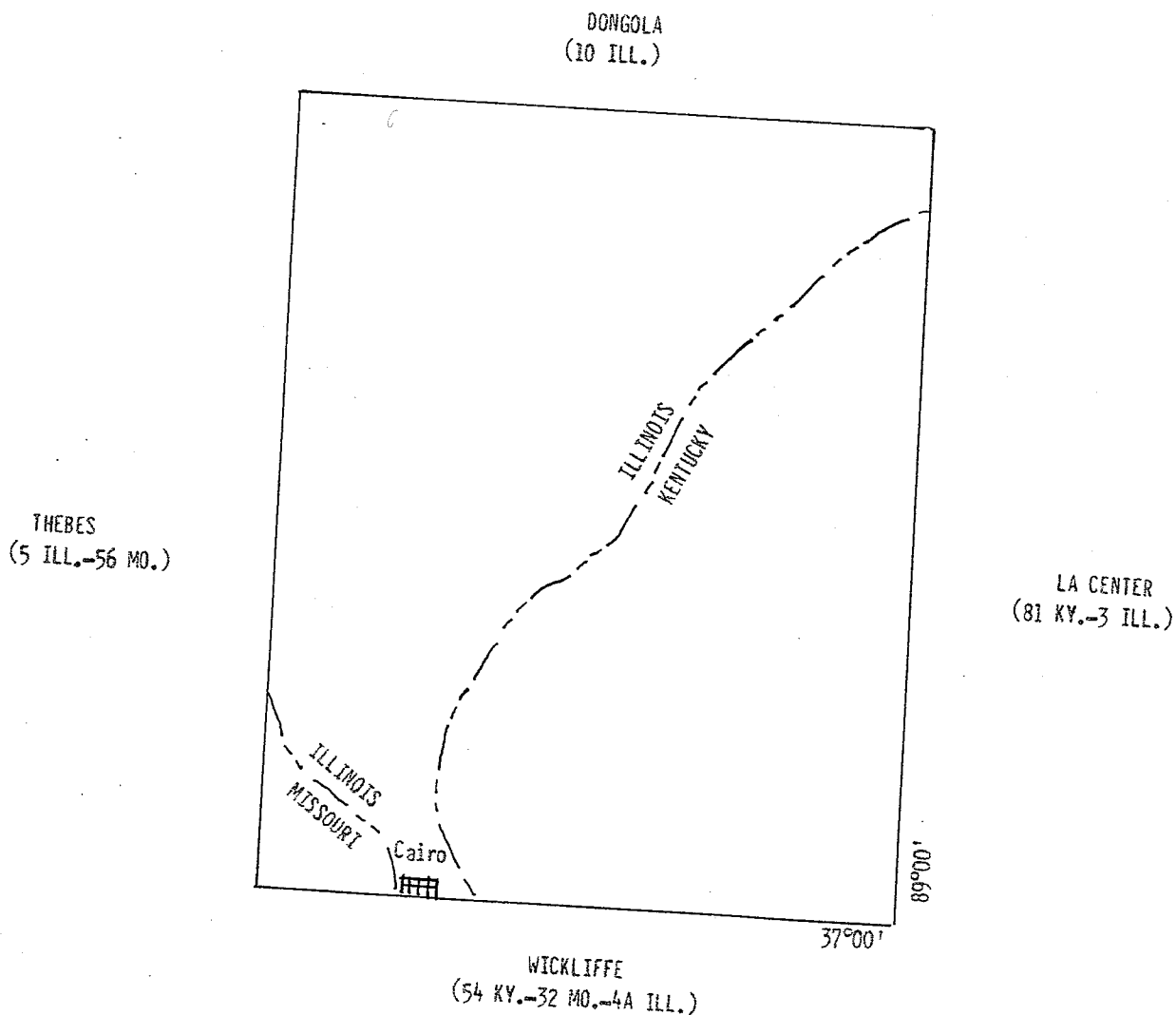
Ballard County, Kentucky; Alexander and
Pulaski Counties, Illinois; Mississippi
County, Missouri

Edition of 1/17/78

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, South Zone; transverse Mercator
projection, Illinois, West Zone and Missouri,
East Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

4 ILL.-82 KY.-55 MO.
CAIRO QUADRANGLE

37-089-22
N3700-W8900/15

MARK (USGS)

INDEX OF PERMANENT MARKS

PTS NO 8 ILL 1916
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PTS NO 111 F 1925 369
PTS NO 112 F 1925
6 H 1926
8 H 1926
12 H 1926
13 H 1926
PTS NO 77 M 1926
PTS NO 83 M 1926
TT 23 TWC 1950 370
TT 1 CAG 1953 RESET 1958
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4 ILL.-82 KY.-55 MO.
CAIRO QUADRANGLE

37-089-22
3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. H. Wilson, 1916; Book A3364; C. R. Fisher, 1925; Book C7279; S. H. Moyers, 1926; Books C7826, C7829, C7836, C7857, and E. M. Thompson, 1929; Books C9046, C9047

Cairo; at junction of Cleveland, Cincinnati, Chicago and St. Louis and Illinois Central Railroads; 25 ft N. and 20 ft W. of shore span of Illinois and Central RR. bridge over Ohio River; on iron post; standard cap stamped "PRIM TRAV STA NO 8 ILL 1916"

Ky. S.) X = 998,565 Y = 268,980

37 01 19.86 89 10 51.58

Mounds, 2.8 mi NW. of; in NW. 1/4 sec. 17, T. 16 S., R. 1 W.; in center of triangle formed by junction of rd. N. to house; in concrete post; standard tablet stamped "PRIM TRAV STA NO 110 F 1925"

X = 980,962 Y = 307,181

37 07 30.95 89 14 45.92

Mounds; on NW. side of town; at NE. corner of Catholic Cemetery; 20 ft S. and 60 ft W. of W. end of steel viaduct over I.C. RR.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 111 F 1925 369"

X = 993,583 Y = 304,765

37 07 11.67 89 12 09.10

Mounds, 0.8 mi N. of, along U. S. Highway 51, thence 2.0 mi E.; near SW. cor. sec. 7, T. 16 S., R. 1 E.; 30 ft W. of I-rd. E.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 112 F 1925"

X = 1,006,922 Y = 307,537

37 07 43.85 89 09 25.74

Wickliffe, 6.2 mi NE. of, along Slater Road, thence 0.9 mi N.; at jog in E.-W. rd.; 200 ft W. of house; at NE. corner of rd. E.; in concrete post; standard tablet stamped "6 H 1926" (Not found, 1975)

X = 1,049,993 Y = 265,643

37 01 04.87 89 00 16.37

East Cairo; 800 ft N. of RR. siding; 10 ft S. and 10 ft W. of private rd. crossing; 80 ft E. of stock pen; in concrete post; standard tablet stamped "PRIM TRAV STA NO 77 M 1926" (Not found, 1954)

X = 1,005,279 Y = 263,442

37 00 27.53 89 09 26.38

Oscar, 1.2 mi SE. of, thence 1.8 mi SW., thence 0.7 mi SE.; at NW. corner of junction of I-rd. NE.; in angle of fenceline; 5 ft from each fence; in concrete post; standard tablet stamped "8 H 1926" (Reported destroyed, 1975)

X = 1,047,001 Y = 294,984

37 05 53.80 89 01 05.75

4 ILL.-82 KY.-55 MO.
CAIRO QUADRANGLE

37-089-22
4

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Oscar, 1.8 mi NE. of; on N. edge of rd. at junction of I-rd. SW.; in concrete culvert; standard tablet stamped "12 H 1926"

Ky. S.) X = 1,051,891 Y = 314,953

37 09 12.80

89 00 13.92

Oscar, 1.3 mi NW. of, thence 2.6 mi NE.; on E. edge of rd. at junction of I-rd. W.; in angle of fenceline; 6 ft SE. of corner fencepost; in concrete post; standard tablet stamped "13 H 1926"

X = 1,048,729 Y = 324,406

37 10 45.14

89 00 56.99

Slater, 1.2 mi SW. of; 30 ft S. of centerline of E.-W. rd. at junction of I-rd. N.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 83 M 1926"

X = 1,050,937 Y = 261,650

37 00 25.73

89 00 03.04

By I. W. Cayce, 1950; Book AH 176

Wickliffe, 4.2 mi NE. of, along U. S. Highway 60; at bridge over Buzzard Creek; in NW. end of concrete headwall of bridge; standard tablet stamped "IT 23 TWC 1950 370"

X = 1,034,512 Y = 265,876

37 01 01.86

89 03 27.25

By C. A. Gridley, 1953; Book AH 2010

Cairo, 0.4 mi N. of post office, along U. S. Highway 51; 2 ft N. and 44 ft W. of intersection of Sycamore and 23rd. Streets; in NW. curb; standard tablet stamped "IT 1 CAG 1953 RESET 1958"

X = 999,191 Y = 263,577

37 00 26.71

89 10 41.46

Mound City, 0.3 mi S. of post office, along State Highway 37; 119 ft N. and 56 ft E. of intersection of Highway 37 and Pearl Street; in SE. curb; standard tablet stamped "IT 2 CAG 1953"

X = 1,004,041 Y = 291,258

37 05 01.95

89 09 54.03

Mound City, 1.2 mi NE. of post office, along State Highway 37, thence 0.75 mi ENE. along graveled rd., near 1/4 cor. between sec. 19 and 20, T. 16 S., R. 1 E.; near rd. crossing at New York Central RR.; 41 ft SW. along tracks and 0.8 ft lower than center of crossing; 9 ft W. of W. rail; in concrete post; standard tablet stamped "IT 3 CAG 1953"

X = 1,010,502 Y = 298,600

37 06 16.81

89 08 37.59

4 ILL.-82 KY.-55 MO.
CAIRO QUADRANGLE

37-089-22
5

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Olmstead, 3.0 mi S. and 1.7 mi W. of; 3.25 mi N. and 1.75 mi E. of Mound City, near 1/4 cor. between secs. 8 and 9, T. 16 S., R. 1 E.; near rd. crossing at New York Central RR.; 43 ft N. of and 0.8 ft lower than center of crossing; 10 ft W. of W. rail; 1 ft SE. of witness post; in concrete post; standard tablet stamped "TT 4 CAG 1953"

Ky. S.) X = 1,016,846 Y = 308,815

37 07 59.99

89 07 23.84

Mound City, 6.9 mi N. of post office, along State Highway 37, thence 0.2 mi E. along graveled rd.; 12 ft S. and 27 ft W. of crossing; in concrete post; standard tablet stamped "TT 5 CAG 1953" (Not found, 1967)

X = 1,024,047 Y = 320,551

37 09 58.50

89 06 00.10

Olmsted, 111 ft N. and 20 ft E. of NW. corner of C. C. C. and St. L. RR. station building; in concrete post; standard tablet stamped "TT 6 CAG 1953"

X = 1,027,573 Y = 325,978

37 10 53.36

89 05 18.93

Olmsted, 1.8 mi NE. of station; 66 ft N. and 4 ft E. of centerline of RR. track at creek crossing; 13 ft W. of centerline of RR. track; in concrete post; standard tablet stamped "TT 7 CAG 1953"

X = 1,033,099 Y = 333,775

37 12 12.33

89 04 14.06

R E S E T

CAIRO QUADRANGLE
82 - KENTUCKY, 4 - ILLINOIS, 55 - MISSOURI

5-3-93

BARLOW, KENTUCKY, 2.4 MI S. OF POST OFFICE, ALONG U.S. HIGHWAY
60; CONCRETE CULVERT AT BUZZARD CREEK; 40 FT E. OF CENTERLINE OF
RD., 7 FT LOWER THAN ROADWAY, NE. END OF E. HEADWALL OF 16' X 8'
X 92' CONCRETE CULVERT; STANDARD TABLET STAMPED "T 23 TWC 1950
RESET 1991"

(ORIGINAL ELEVATION USED WAS FROM NGS 1ST ORDER MONUMENTATION
QUALITY).

RESET ELEVATION 367.533 FT
112.024 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION
FRANKFORT, KENTUCKY
NOVEMBER 18, 1991

4 ILL.-82 KY.-55 MO.
CAIRO QUADRANGLE

MAP CONTROL
NOT FOR DISTRIBUTION

37-089-22
1 of 1

SUPPLEMENTAL

By N. Watkinson, 1964; Book CH 1770

42+. Centerline of rd. at drive S.

X = 983,113	Y = 350,152	37 14 36.34	89 14 39.00
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By R. W. Sidie, 1965; Book CH 2064

0. NGS standard triangulation station "PULASKI 1957"

X = 997,798.66	Y = 337,672.59	37 12 38.35 8	89 11 31.880
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0&. Center of rd. at drive N.

X = 997,467	Y = 337,801	37 12 39.51	89 11 36.04
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0. NGS standard triangulation station "LEVINGS"

X = 1,035,405.80	Y = 338,835.38	37 13 03.140	89 03 47.773
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0&. NE. corner of garden (fence W. and S.)

X = 1,035,454	338,836	37 13 03.16	89 03 57.18
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0. NGS standard triangulation station "MOUNDS 1960"

X = 996,837.42	306,086.29	37 07 25.898	89 11 29.534
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0&. Center of trail at center of double fence line E.

X = 996,727	Y = 306,091	37 07 25.90	89 11 30.90
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0. NGS standard triangulation station "CAIRO"

X = 997,165.26	Y = 281,048.51	37 03 18.608	89 11 14.243
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0&. SW. corner of fence N. and E.

X = 997,064	Y = 281,305	37 03 21.11	89 11 15.61
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0&&. Fence corner of fence S.-E.

X = 997,148	Y = 281,065	37 03 18.77	89 11 14.45
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